










### Warranty

- 10years products warranty.
- 10 years 90%、25 years 80% output power warranty.

### Products Characteristics

-  Widely using of the most popular and mature type of modules for off-grid system.
-  Leading manufacturing technology in PV industry, strictly control the quality of raw materials and the process of producing.
-  100% EL inspection, ensures modules are defects free.
-  Cell binned by current to improve module performance.
-  Anti-reflection glass. Not only to increase the light absorption, but also to make the module has the funtion of self-cleaning in water environment, effectively reducing the power loss caused by dust.
-  Outstanding performance in low-light irradiance environments.
-  Excellent mechanical load resistance: Certified to withstand high wind load(2400pa) and snow loads (5400pa).
-  High performance of salt and ammonia resistance.
-  Positive power tolerance: 0~+5W.

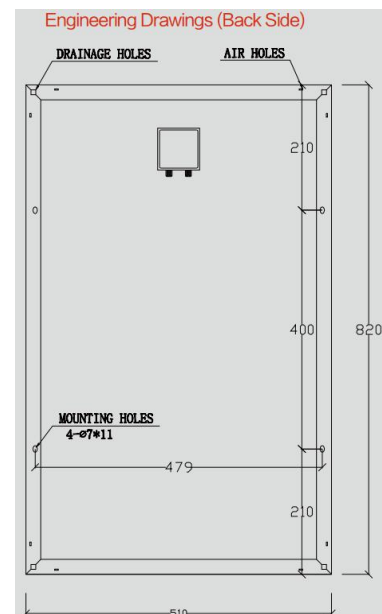
### PRODUCTS CERTIFICATION

- ISO9001:2008: ISO Quality management systems
- IEC61215、IEC61730
- CQC Certificate
- CE Certificate
- SGS-TUVCertificate

### Raw materials and mechanical para.

#### 6P-60 6P-65

Solar cell dimension (mm)	Poly crystalline156X62.4mm
Solar cell quantity (pcs)	3X12=36
Module dimension (mm)	820X510X30
Module weight (kg)	4.9
Glass	3.2mmTempered Glass
Encapsulation	EVA
Backsheet	Multilayer composite
Aluminium-frame	Silver/black Anodized aluminium alloy
Junction box	IP65/IP67
Cable	NA, but customized is acceptable
Connector	NA, but MC4 or MC4 compatible are acceptable
Package configuration	6pcs/ctn



## Performance parameters

	6P-60	6P-65
Maximum system voltage	700V	
Operating temperature	-45°C~+80°C	
Maximum series fuse	10A	
Maximum static load, front side (e.x. snow, wind)	5400PA	
Maximum static load, back side (e.x. wind)	2400PA	
Application grade	Class A	

## Electrical parameters (Standard test condition)

	6P-60	6P-65
Rated max. Power(Wp)	60W	65W
Power tolerance	0~+5W	
Cell efficiency	17.2%	18.60%
Open circuit voltage	22.3V	22.7V
Max. power voltage (Vmp)	18.2V	18.6V
Short circuit current (Isc)	3.49A	3.70A
Max. power current(Imp)	3.30A	3.49A
Temperature coefficient of Isc	+0.06%	
Temperature coefficient of Voc	-0.33%	
Temperature coefficient of Pmp	-0.45%	
Rated max. Power(Wp)	Irradiance: 1000W/M2、 Cell temperature 25°C、 Spectrum AM: AM1.5	

The Electrical Parameters of the module are the average theory figure under the standard test condition, each one exists difference. Can not be treated as the basis of module delivery.